ECE 508 Final Project Proposal

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**Description**

For this project, we want to build a TriMet Red Line Train Schedule Tool. Basically, this is a GUI which can get the information about Red Line Train from TriMet website. Totally, we will get information from 6 web pages. We plan to use Comboboxs, Entries, Labels and Buttons to make the GUI. The user can use the Combobox to select the Direction of the red line and to select where they want to ride the train (train stations). Then, users can enter the time when they want to ride the train at that location. The format of ride time is HH:MMam/pm. For example, 9:31am and 10:30pm. Three nearest waiting time will be calculated and results will be shown in an Entry as output. If no trains available, “No Train Available” will shown in the waiting time Entry. The format of the output is HH:MM only. For example, 01:10 means 1 hour and 10 minutes. Also, one Clear button will be provided to clear those Entries to re-enter new ride time. This project use the information that we learn in class and learn how to get some useful information from the website. We think this is a reasonable project.